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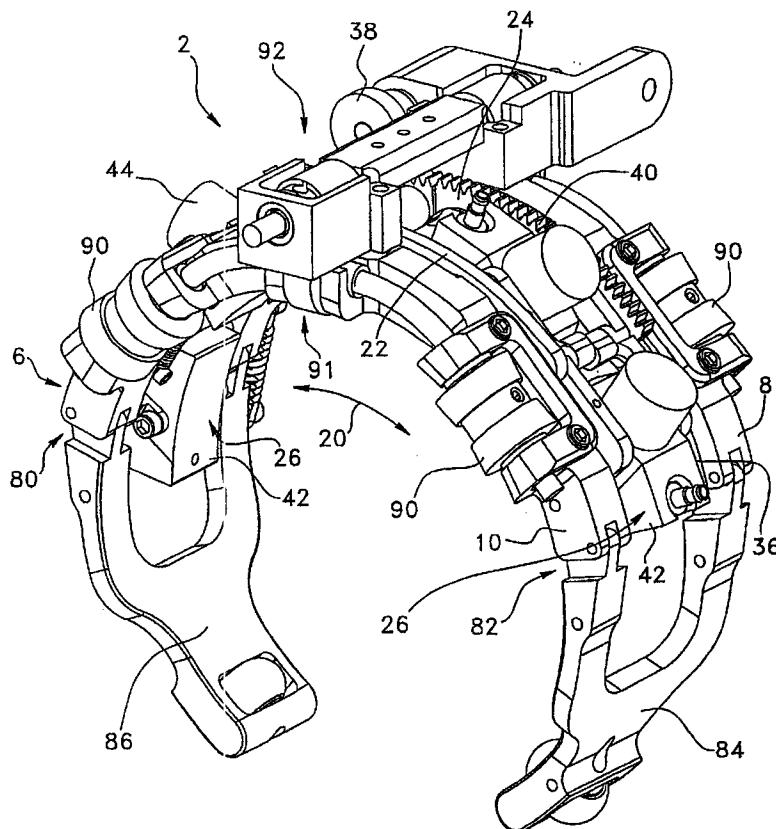
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(54) Title: **MOTORIZED BRACELET ASSEMBLY FOR MOVING SENSOR MODULES AROUND A PIPE**



(57) Abstract: A motorized bracelet assembly for ultrasonic crack detection in a pipe. The bracelet has a motorized frame adapted for installation around the pipe and a sliding arrangement slideably mounted onto the frame. The sliding arrangement guides a displacement of sensor modules in periphery of the pipe. A first driving device controllably drives the sliding arrangement and thereby displacing the sensor modules in periphery of the pipe at desired operating positions. The bracelet comprises biasing devices for biasing the sensor modules against the pipe and a second driving device for controllably driving the frame along the axial direction of the pipe at a desired operating position.

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